

# Morbidity and Mortality

Weekly  
Report



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## ANNUAL SUPPLEMENT

### Reported Incidence of Notifiable Diseases in the United States, 1954

The annual summary of notifiable diseases for 1954 contains final figures supplied by State and Territorial health officers.

Trends in incidence of diseases reported to the Public Health Service are shown in table 1, the numbers of cases by months (usually by month of report) are shown in table 2, and cases by State, Territory, and possession, in subsequent tables. Numbers of cases of certain diseases not reported regularly to the Public Health Service are also shown.

The incidence of certain diseases with relatively large frequencies increased in 1954 as compared with 1953, while others decreased. Cases of infectious encephalitis increased by 34.7 percent; infectious hepatitis, 48.6 percent; measles, 52.0 percent; poliomyelitis, 8.1 percent; salmonellosis, 36.2 percent; scarlet fever and streptococcal sore throat, 11.2 percent; and whooping cough, 64.0 percent. Although psittacosis is not a disease with a high frequency, it should be noted here that an increase of 233.1 percent in the number of cases occurred. Some of the diseases listed above, namely, infectious encephalitis, measles, poliomyelitis, scarlet fever and streptococcal sore throat, and whooping cough increase and decrease in cycles, consequently, the increased incidence in 1954 may represent normal cyclic occurrence. The increases in incidence were offset to a certain extent by decreases in other diseases, including amebiasis, brucellosis, diphtheria, bacillary dysentery, malaria, meningococcal infections, tuberculosis, typhoid fever, and typhus fever.

#### Poliomyelitis

Poliomyelitis incidence increased in 1954 as compared with 1953. Forty-eight percent of the 38,476 cases were classed as paralytic, 34 percent as nonparalytic, and 18 percent were unspecified. States with the highest incidence or attack rates per 100,000 population were: Wyoming (88.5), Iowa (54.8), Nebraska (52.8), Florida (50.4), Nevada (50.0), Utah (38.0), California (36.3), Kansas (36.3), Texas (35.9), and Michigan (30.9).

#### Psittacosis

The upward trend in incidence of psittacosis, which began in 1952, continued in 1954. About 200 of the 563 cases reported were among employees of poultry processing plants. Epidemiologic reports of a large proportion of the remainder indicated that psittacine birds were the source of infection.

#### Malaria

There was a marked reduction in the numbers of malaria cases reported in 1954. Except for a group of 4 cases which,

upon investigation, indicated indigenous origin, the remainder (711, known and unknown places of contraction) was considered to have resulted from exposure outside of the United States.

#### Infectious hepatitis

The upward trend in the incidence of infectious hepatitis continued in 1954 for the country as a whole. However, the change in incidence from 1953 to 1954 varied widely from one geographic division to another. The East South Central Division showed a small decrease, the South Atlantic only an 11 percent increase, and the remainder showed increases varying from 31 to 142 percent.

#### Tuberculosis

A total of 100,540 tuberculosis cases was newly reported in the continental United States during 1954, a decline of 6 percent from the 106,925 reported in 1953. Approximately 78 percent of the total cases reported were classified as active and probably active, and of these, more than three-fourths were either moderately or far advanced at the time of first report.

Due to changes in tuberculosis morbidity reporting rules initiated as of January 1, 1952, data for the years 1952 through 1954 are not strictly comparable with data for previous years. Although it is believed that there has been some decline in tuberculosis incidence over the past decade, it should be recognized that the time series presented here is not a time series of incidence of the disease, but rather, a time series of newly reported cases, and is determined by the extent of case finding and reporting practices as well as by the incidence of the disease.

#### Venereal diseases

During the calendar year 1954, there were 131,260 cases of syphilis reported compared with 150,026 cases during 1953, a decline of 12.5 percent. There were 249,883 cases of gonorrhea reported in 1954 as compared with 246,311 cases the year before. This represents an increase of 1.5 percent in reported gonorrhea morbidity, and marks a reversal in the direction of the trend line for the first time since 1947.

The data published in this report will in many instances vary from morbidity data available from the Venereal Disease Program, since these data include those military cases reported to State health departments.

The trend of reported cases of venereal disease must be interpreted with caution, since decreasing case-finding efforts due to limitation of funds are reflected in the reported morbidity data as well as changes in incidence and prevalence.

Symbols.—1 dash [-]: no cases reported; asterisk [\*]: disease stated not notifiable; 2 asterisks [\*\*]: no report made by State; 3 dashes [---]: data not available.

Table 1: REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, 1945-54

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945
Amebiasis-----046	3,523	4,444	4,280	3,550	4,568	5,543	4,871	3,365	4,093	3,412
Anthrax-----062	22	45	47	60	49	54	60	69	40	40
Botulism-----049.1	18	18	18	33	20	24	39	44	---	---
Brucellosis (undulant fever)-----044	1,823	2,032	2,537	3,139	3,510	4,235	4,991	6,321	5,887	5,049
Dengue-----090	6	8	5	16	26	46	24	35	40	106
Diphtheria-----055	2,041	2,355	2,960	3,983	5,796	7,969	9,493	12,262	16,354	18,675
Dysentery, bacillary (shigellosis)-----045	13,846	16,533	23,197	32,215	23,367	29,080	23,753	17,048	24,286	34,943
Encephalitis, acute infectious-----082	2,606	1,935	1,912	1,123	1,135	903	730	785	728	785
Hepatitis, infectious, and serum-----092,N998.5 pt.	50,093	33,700	17,428	7,349	2,820	2,027	709	1,092	---	---
Leprosy-----060	56	60	57	57	44	41	63	56	43	40
Leptospirosis-----072	48	42	62	9	30	17	18	14	---	---
Malaria-----110-117	715	1,310	7,023	5,600	2,184	4,151	9,606	15,116	48,610	62,763
Measles-----085	682,720	449,146	683,077	530,118	319,124	625,281	615,104	222,375	695,843	146,013
Meningococcal infections-----057	4,436	5,077	4,884	4,164	3,788	3,519	3,376	3,420	5,693	8,208
Plague-----058	-	-	-	1	3	3	-	1	-	-
Poliomyelitis, acute-----080	38,476	35,592	57,879	28,386	33,300	42,033	27,726	10,827	25,698	13,624
Psittacosis-----096.2	563	169	135	25	26	35	32	27	26	27
Q fever-----108 pt.	8	4	7	8	-	2	1	-	---	---
Rabies in man <sup>1</sup> -----094	12	12	24	18	18	10	24	26	34	43
Rabies in animals <sup>2</sup> -----	7,297	38,903	38,445	8,008	7,901	7,587	8,495	8,920	10,850	9,928
Rocky Mountain spotted fever-----104A	294	313	327	347	464	570	547	596	587	472
Salmonellosis, paratyphoid fever-----041,042	5,375	3,946	2,596	1,773	1,233	1,243	882	951	723	649
Scarlet fever and streptococcal sore throat-----050,051	147,785	132,935	113,677	84,151	64,494	87,220	91,295	93,595	125,511	185,570
Smallpox-----084	49	4	21	11	39	49	57	176	337	346
Tetanus-----061	524	506	484	506	486	579	601	560	---	---
Trachoma-----095	1,172	773	3,088	2,916	1,584	1,475	2,565	1,540	---	---
Trichiniasis-----128	277	395	367	393	327	353	487	451	---	---
Tuberculosis, all forms-----001-019	100,540	106,925	109,837	118,491	121,742	134,865	137,006	134,946	119,256	114,931
Tularemia-----059	681	601	668	702	927	1,179	1,086	1,401	1,355	900
Typhoid fever-----040	2,169	2,252	2,341	2,128	2,484	2,795	2,840	3,075	3,268	4,211
Typhus fever, endemic (murine)-----101	163	221	205	378	685	985	1,171	2,050	3,365	5,193
Venereal diseases: <sup>5</sup>										
Gonorrhea-----030-034	249,883	246,311	253,839	254,057	286,746	317,950	345,501	380,666	415,855	313,363
Syphilis-----020-029	131,260	150,026	169,198	174,924	217,558	256,463	314,313	355,592	385,524	351,767
Other specified venereal diseases-----036-038	4,650	5,209	6,093	6,885	8,187	11,034	12,559	14,371	13,461	10,261
Whooping cough (pertussis)-----056	60,886	37,129	45,030	68,687	120,718	69,479	74,715	156,517	109,860	133,792

<sup>1</sup>For 1945-53, figures represent registered deaths.<sup>2</sup>For 1945-51, figures from Agricultural Research Service, U. S. Department of Agriculture.<sup>3</sup>Corrected figure.<sup>4</sup>None of these cases fulfill the generally accepted criteria for a diagnosis of smallpox.<sup>5</sup>For 1945-51, figures (civilian cases only) from the Division of Venereal Diseases, Public Health Service.

Table 2. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES BY MONTH: UNITED STATES, 1954

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	Total <sup>1</sup>	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amebiasis-----046	3,523	258	307	370	300	323	256	299	283	313	277	237	291
Anthrax-----062	22	1	1	3	2	1	5	-	3	2	1	2	1
Botulism-----049.1	18	4	1	-	1	-	-	3	2	2	1	4	-
Brucellosis (undulant fever)-----044	1,823	104	128	128	124	169	157	179	163	182	128	114	138
Cholera-----043	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue-----090	6	-	-	-	-	-	4	-	-	-	2	-	-
Diphtheria-----055	2,041	205	158	187	123	100	96	122	94	193	273	274	216
Dysentery, bacillary (shigellosis)-----045	13,846	1,301	798	919	797	1,031	1,337	1,369	1,266	1,396	1,417	1,132	1,079
Encephalitis, acute infectious-----082	2,606	102	150	173	202	226	256	211	281	444	270	126	165
Glanders-----064.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis, infectious, and serum-----092,N998.5 pt.	50,093	4,605	5,793	6,524	5,206	4,597	3,971	3,346	3,137	3,129	2,983	2,761	3,690
Leprosy-----060	56	1	4	2	4	11	6	3	7	3	5	5	4
Leptospirosis-----072	48	6	6	11	3	3	3	4	3	3	-	1	5
Malaria-----110-117	715	19	28	23	29	73	63	109	86	68	86	43	19
Measles-----085	682,720	36,979	63,821	115,916	129,300	131,450	105,478	37,702	9,189	4,538	7,248	13,473	29,397
Meningococcal infections-----057	4,436	505	479	541	493	406	326	229	225	224	280	322	386
Plague-----058	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio myelitis, acute-----080	38,476	618	453	361	414	800	1,765	5,179	8,584	9,761	6,620	2,680	1,145
Paralytic-----080.0,080.1	18,308	349	217	186	183	373	836	2,228	3,939	4,400	3,391	1,516	633
Nonparalytic-----080.2	13,221	172	139	120	146	245	580	1,893	3,186	3,635	2,022	739	323
Unspecified-----080.3	6,947	97	97	55	85	182	349	1,058	1,459	1,726	1,207	425	189
Psittacosis-----096.2	563	9	30	37	33	201	96	37	31	20	8	16	44
Q fever-----108 pt.	8	-	-	1	2	1	1	2	-	-	-	1	-
Rabies in man-----094	12	2	-	-	-	1	1	-	1	2	2	-	3
Rabies in animals-----	7,297	629	856	815	737	618	540	483	411	426	463	466	491
Rocky Mountain spotted fever-----104A	294	1	1	2	9	45	54	71	59	26	17	3	5
Salmonellosis, paratyphoid fever-----041,042	5,375	283	271	712	441	340	456	374	521	370	764	334	503
Scarlet fever and streptococcal sore throat-----050,051	147,785	17,051	19,646	23,302	18,178	14,918	10,072	6,733	5,668	5,113	6,589	8,697	11,347
Smallpox-----084	29	-	1	1	-	1	-	-	-	3	1	2	-
Tetanus-----061	524	43	30	32	26	47	46	64	58	58	54	32	34
Trachoma-----095	1,172	72	28	108	153	99	83	86	121	99	134	89	100
Trichiniasis-----128	277	19	27	41	19	24	30	17	15	20	17	20	28
Tuberculosis, all forms-----001-019	100,540	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia-----059	681	62	55	51	36	47	53	59	38	57	44	49	130
Typhoid fever-----040	2,169	89	131	123	117	150	174	267	310	285	256	137	130
Typhus fever, endemic (murine)-----101	163	7	14	6	8	16	19	26	21	14	10	13	9
Typhus fever, epidemic-----100	-	-	-	-	-	-	-	-	-	-	-	-	-
Venereal diseases: <sup>3</sup>													
Chancroid-----036	3,126	-	927	-	-	758	-	-	751	-	-	690	-
Gonorrhea-----030-034	249,883	-	59,940	-	-	60,219	-	-	69,324	-	-	60,400	-
Granuloma inguinale-----038	624	-	162	-	-	142	-	-	162	-	-	158	-
Lymphogranuloma venereum-----037	900	-	236	-	-	217	-	-	232	-	-	215	-
Syphilis, primary and secondary <sup>4</sup> -----021.0-021.3	7,248	-	2,010	-	-	1,743	-	-	1,900	-	-	1,595	-
Syphilis, other forms-----020,021.4-029	124,012	-	31,405	-	-	31,247	-	-	31,298	-	-	30,062	-
Whooping cough (pertussis)-----056	60,886	4,353	4,307	5,055	4,475	4,928	4,497	5,298	5,094	5,267	5,391	6,086	6,123
Yellow fever-----091	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Cases not tabulated by month included in the "Total," but not distributed.<sup>2</sup>None of these cases fulfill the generally accepted criteria for a diagnosis of smallpox.<sup>3</sup>Reports received by quarters.<sup>4</sup>Excludes some cases of primary and secondary syphilis which are included in "other forms."

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1954

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Ame- biasis  046	Brucel- losis (undulant fever)  044	Diph- theria  055	Dysentery, bacillary (shigel- losis)  045	ENCEPHALITIS, ACUTE INFECTIOUS 082		Hepatitis, infectious, and serum  092, N998.5 pt.	MALARIA 110-117	
					Arthropod- borne	Other		Total <sup>1</sup>	Acquired outside United States
UNITED STATES-----	3,523	1,823	2,041	13,846	226	2,380	50,093	715	261
NEW ENGLAND-----	57	48	34	350	1	71	3,285	30	4
Maine-----	2	1	1	15	-	4	785	4	4
New Hampshire-----	1	1	1	2	-	1	255	-	-
Vermont-----	-	13	1	13	-	-	218	-	-
Massachusetts-----	19	13	29	297	-	42	1,299	12	-
Rhode Island-----	14	3	1	-	1	1	523	-	-
Connecticut-----	21	17	1	23	-	23	405	14	-
MIDDLE ATLANTIC-----	1,271	66	72	977	-	432	10,415	40	-
New York-----	909	42	29	908	-	336	7,190	10	-
New Jersey-----	350	6	15	12	-	43	653	27	-
Pennsylvania-----	12	18	28	57	-	53	2,572	3	-
EAST NORTH CENTRAL-----	311	452	174	1,689	62	232	6,716	13	4
Ohio-----	6	9	64	113	-	52	1,171	7	-
Indiana-----	11	13	37	418	-	22	1,009	-	-
Illinois-----	163	203	12	394	45	63	2,464	1	-
Michigan-----	119	111	57	257	-	95	1,419	4	4
Wisconsin-----	12	116	4	507	17	-	653	1	-
WEST NORTH CENTRAL-----	65	666	154	208	25	279	7,846	35	7
Minnesota-----	21	151	23	148	5	122	2,582	7	7
Iowa-----	14	351	14	14	-	22	3,619	4	-
Missouri-----	17	54	30	35	-	6	546	7	-
North Dakota-----	7	15	1	4	-	37	266	-	-
South Dakota-----	-	21	13	-	-	13	313	1	-
Nebraska-----	-	32	68	-	-	17	109	1	-
Kansas-----	6	42	5	7	20	62	411	15	-
SOUTH ATLANTIC-----	229	119	690	1,085	2	184	6,752	80	23
Delaware-----	-	1	-	12	-	-	122	-	-
Maryland-----	18	6	20	85	-	41	809	2	2
District of Columbia-----	8	-	1	35	-	1	54	4	-
Virginia-----	20	46	36	102	2	49	3,550	26	-
West Virginia-----	18	6	29	16	-	7	749	-	-
North Carolina-----	17	3	126	396	-	47	807	23	21
South Carolina-----	9	3	144	70	-	9	126	14	-
Georgia-----	37	45	220	321	*	17	232	-	-
Florida-----	102	9	114	48	-	13	303	11	-
EAST SOUTH CENTRAL-----	150	106	388	235	-	107	3,776	26	10
Kentucky-----	18	15	56	10	-	20	1,004	-	-
Tennessee-----	51	38	61	176	-	52	1,220	10	10
Alabama-----	19	18	199	*	-	15	441	9	-
Mississippi-----	62	35	72	49	-	20	1,111	7	-
WEST SOUTH CENTRAL-----	669	213	410	7,560	-	378	3,174	373	126
Arkansas-----	51	40	31	66	-	17	275	14	-
Louisiana-----	130	49	122	126	*	1	644	9	8
Oklahoma-----	24	40	42	156	-	24	347	26	7
Texas-----	464	84	215	7,212	-	336	1,908	324	111
MOUNTAIN-----	244	84	55	469	13	104	2,686	24	-
Montana-----	2	7	25	-	-	16	131	1	-
Idaho-----	9	13	3	28	-	7	767	7	-
Wyoming-----	-	4	4	1	-	9	117	-	-
Colorado-----	16	17	1	165	5	56	604	2	-
New Mexico-----	57	12	-	105	4	-	237	-	-
Arizona-----	148	14	15	153	4	9	708	10	-
Utah-----	12	16	7	17	-	6	79	4	-
Nevada-----	-	1	-	-	-	1	43	-	-
PACIFIC-----	527	69	64	1,273	123	593	5,443	94	87
Washington-----	8	11	20	155	-	28	1,000	22	22
Oregon-----	12	10	5	28	2	29	1,821	3	-
California-----	507	48	39	1,090	121	536	2,622	69	65

<sup>1</sup>Includes cases with source of contraction not stated.

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1954—Continued

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Measles 085	Meningo- coccal infect- ions 057	POLIOMYELITIS, ACUTE				Psitta- cosis 096.2	Rabies in man 094	Rabies in animals
			Total 080	Paralytic 080.0, 080.1	Non- paralytic 080.2	Unspeci- fied 080.3			
UNITED STATES-----	682,720	4,436	38,476	18,308	13,221	6,947	563	12	7,297
NEW ENGLAND-----	41,363	175	1,927	806	1,050	71	23	-	-
Maine-----	5,790	17	127	89	38	-	-	-	-
New Hampshire-----	1,739	19	109	23	62	24	-	-	-
Vermont-----	3,036	11	81	46	33	2	-	-	-
Massachusetts-----	23,526	79	1,035	395	640	-	13	-	-
Rhode Island-----	2,237	15	123	45	78	-	-	-	-
Connecticut-----	5,035	34	452	208	199	45	10	-	-
MIDDLE ATLANTIC-----	150,168	920	4,793	2,548	1,369	876	88	-	511
New York-----	84,780	546	2,336	1,466	782	88	34	-	473
New Jersey-----	26,534	143	908	550	333	25	17	-	-
Pennsylvania-----	38,854	231	1,549	532	254	763	37	-	38
EAST NORTH CENTRAL-----	135,202	815	8,285	3,710	2,648	1,927	51	1	1,021
Ohio-----	28,594	215	2,591	642	378	1,371	13	-	190
Indiana-----	22,463	167	843	446	219	178	-	-	374
Illinois-----	32,983	190	2,212	1,354	833	25	32	1	254
Michigan-----	40,725	150	2,168	1,060	1,104	4	-	-	117
Wisconsin-----	10,637	93	671	208	114	349	6	-	86
WEST NORTH CENTRAL-----	24,694	304	4,476	1,774	1,686	1,016	33	-	1,080
Minnesota-----	2,892	59	687	337	347	3	16	-	203
Iowa-----	12,671	44	1,445	525	694	226	10	-	305
Missouri-----	1,557	59	659	353	200	106	5	-	376
North Dakota-----	2,787	38	119	23	47	49	1	-	25
South Dakota-----	765	15	114	44	66	4	-	-	84
Nebraska-----	2,579	32	721	319	199	203	-	-	63
Kansas-----	1,443	57	731	173	133	425	1	-	24
SOUTH ATLANTIC-----	82,692	680	4,959	2,406	1,435	1,118	43	5	1,678
Delaware-----	1,918	9	88	59	29	-	5	-	-
Maryland-----	11,348	43	250	153	97	-	4	-	23
District of Columbia-----	3,028	19	86	51	35	-	1	-	-
Virginia-----	23,848	115	613	396	217	-	12	-	377
West Virginia-----	9,725	39	392	219	118	55	-	2	459
North Carolina-----	9,566	179	732	297	296	139	11	1	211
South Carolina-----	5,750	75	317	146	86	85	3	1	292
Georgia-----	6,743	105	704	282	120	302	6	1	174
Florida-----	10,766	96	1,777	803	437	537	1	-	142
EAST SOUTH CENTRAL-----	47,409	462	2,298	1,067	653	578	10	1	1,335
Kentucky-----	20,754	177	823	496	321	6	-	-	328
Tennessee-----	14,938	97	602	269	114	219	5	-	368
Alabama-----	8,495	144	370	179	114	77	4	1	450
Mississippi-----	3,222	64	503	123	104	276	1	-	189
WEST SOUTH CENTRAL-----	87,128	530	4,498	1,907	1,614	977	201	4	1,501
Arkansas-----	2,637	80	365	253	112	-	-	-	213
Louisiana-----	2,943	141	537	319	218	-	-	-	152
Oklahoma-----	3,403	58	559	125	115	319	-	-	54
Texas-----	78,145	251	3,037	1,210	1,169	658	201	4	1,082
MOUNTAIN-----	28,251	99	1,827	874	573	380	29	-	88
Montana-----	4,732	24	179	102	61	16	6	-	1
Idaho-----	4,588	8	132	61	32	39	-	-	1
Wyoming-----	1,419	2	276	155	109	12	2	-	-
Colorado-----	1,872	29	387	186	153	48	20	-	10
New Mexico-----	2,764	14	233	79	64	90	-	-	44
Arizona-----	4,958	13	223	65	119	39	1	-	32
Utah-----	7,751	7	288	226	35	27	-	-	-
Nevada-----	167	2	109	-	-	109	-	-	-
PACIFIC-----	85,813	431	5,413	3,216	2,193	4	85	1	83
Washington-----	21,662	55	489	304	185	-	15	-	-
Oregon-----	4,053	48	365	227	134	4	5	-	-
California-----	60,098	328	4,559	2,685	1,874	-	65	1	83

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1954—Continued

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Rocky Mountain spotted fever 104A	Salmonellosis, paratyphoid fever 041,042	Scarlet fever and streptococcal sore throat 050,051	Tetanus 061	Trachoma 095	Trichinosis 128	Tuberculosis, all forms 001-019	Tularemia 059	Typhoid fever 040
UNITED STATES-----	294	5,375	147,785	524	1,172	277	100,540	681	2,169
NEW ENGLAND-----	1	485	10,193	11	-	42	4,441	2	51
Maine-----	-	12	1,648	*	-	6	299	-	5
New Hampshire-----	1	1	640	-	-	1	149	-	8
Vermont-----	-	6	604	-	-	-	164	-	2
Massachusetts-----	-	378	4,300	6	-	24	2,361	-	18
Rhode Island-----	-	-	640	1	-	2	402	1	6
Connecticut-----	-	88	2,361	4	-	9	1,066	1	12
MIDDLE ATLANTIC-----	29	454	16,933	37	1	99	20,773	9	240
New York-----	12	217	9,226	30	2	76	10,349	3	58
New Jersey-----	6	29	2,004	7	1	7	3,650	-	31
Pennsylvania-----	11	208	5,703	-	-	16	6,774	6	151
EAST NORTH CENTRAL-----	25	1,320	21,750	66	2	31	21,738	122	197
Ohio-----	9	49	5,129	5	-	5	6,494	2	90
Indiana-----	5	463	3,528	4	-	3	1,729	4	20
Illinois-----	11	612	3,953	40	1	2	6,361	101	47
Michigan-----	-	153	5,142	8	-	1	5,764	4	30
Wisconsin-----	-	43	3,998	9	1	20	1,390	11	10
WEST NORTH CENTRAL-----	10	536	6,691	22	857	8	5,358	29	122
Minnesota-----	-	194	2,174	10	1	5	1,629	3	12
Iowa-----	2	2	1,539	4	-	3	627	1	19
Missouri-----	4	29	790	4	852	-	2,101	15	72
North Dakota-----	-	9	687	-	2	-	171	1	2
South Dakota-----	2	1	348	2	1	-	185	6	2
Nebraska-----	2	-	306	-	-	-	244	1	2
Kansas-----	-	301	847	2	1	-	401	2	13
SOUTH ATLANTIC-----	131	462	13,948	137	2	11	14,952	117	365
Delaware-----	1	4	137	-	-	-	289	-	2
Maryland-----	22	49	1,661	2	-	-	2,218	2	21
District of Columbia-----	-	14	368	2	-	1	1,075	-	9
Virginia-----	41	116	4,766	17	-	-	2,640	46	70
West Virginia-----	1	8	1,745	-	-	-	1,181	6	58
North Carolina-----	28	16	2,687	23	-	-	2,013	18	54
South Carolina-----	10	10	356	5	2	10	1,195	6	71
Georgia-----	26	191	1,596	29	-	-	1,880	36	49
Florida-----	2	54	632	59	-	-	2,461	3	31
EAST SOUTH CENTRAL-----	41	95	5,384	86	6	3	9,421	118	349
Kentucky-----	14	13	2,280	5	1	-	2,921	34	133
Tennessee-----	18	82	2,257	26	3	2	3,101	43	100
Alabama-----	3	*	484	32	1	1	2,220	8	63
Mississippi-----	6	-	363	23	1	-	1,179	33	53
WEST SOUTH CENTRAL-----	11	610	40,540	105	36	7	8,621	198	563
Arkansas-----	2	36	3,046	15	2	-	1,456	57	131
Louisiana-----	2	90	294	28	1	5	1,819	43	132
Oklahoma-----	6	73	1,302	7	29	2	1,642	35	63
Texas-----	1	411	35,898	55	4	-	3,704	63	237
MOUNTAIN-----	44	221	17,775	6	215	32	4,480	69	148
Montana-----	5	2	431	3	1	-	413	14	15
Idaho-----	8	28	655	-	-	-	134	-	3
Wyoming-----	12	5	1,605	-	1	-	80	28	6
Colorado-----	9	66	2,320	1	1	1	1,099	2	12
New Mexico-----	1	49	1,611	-	31	-	908	1	64
Arizona-----	4	46	9,655	2	175	31	1,532	2	42
Utah-----	4	25	1,461	-	6	-	156	22	4
Nevada-----	1	-	37	-	-	-	158	-	2
PACIFIC-----	2	1,192	14,571	54	53	44	10,756	17	134
Washington-----	-	149	3,330	6	-	8	2,216	2	12
Oregon-----	1	40	2,391	1	27	-	636	3	13
California-----	1	1,003	8,850	47	26	36	7,904	12	109

\*New York City only.

\*Includes cases of erysipelas.

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1954—Continued

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Typhus fever, endemic (murine)	VENEREAL DISEASES							Whooping cough (pertussis)
		Chan- croid	Gonor- rhea	Granu- loma ingui- nale	Lympho- granuloma venereum	Syphilis			
						Total	Primary and secondary <sup>4</sup>	Other	
	101	036	030-034	038	037	020-029	021.0- 021.3	020, 021.4-029	056
UNITED STATES-----	163	3,126	249,883	624	900	131,260	7,248	124,012	60,886
NEW ENGLAND-----	-	14	2,996	4	14	3,489	201	3,288	7,218
Maine-----	-	-	124	-	-	103	21	82	347
New Hampshire-----	-	-	48	-	-	110	4	106	333
Vermont-----	-	-	60	-	1	41	7	34	572
Massachusetts-----	-	7	1,581	2	10	1,982	122	1,860	2,662
Rhode Island-----	-	-	223	-	-	382	4	378	1,238
Connecticut-----	-	7	960	2	3	871	43	828	2,066
MIDDLE ATLANTIC-----	4	246	24,929	58	88	32,179	1,087	31,092	10,633
New York-----	53	159	15,176	237	68	22,307	715	21,592	4,884
New Jersey-----	-	60	4,407	1	14	5,334	206	5,128	1,997
Pennsylvania-----	1	27	5,346	20	6	4,538	166	4,372	3,752
EAST NORTH CENTRAL-----	-	334	43,235	40	68	22,472	914	21,558	13,393
Ohio-----	-	65	9,024	13	15	8,403	244	8,159	2,258
Indiana-----	-	9	1,732	1	-	2,979	109	2,870	1,470
Illinois-----	-	211	21,810	12	44	5,117	327	4,790	1,874
Michigan-----	-	47	9,940	14	9	4,686	171	4,515	5,620
Wisconsin-----	-	2	729	-	-	1,287	63	1,224	2,171
WEST NORTH CENTRAL-----	1	85	8,919	12	42	7,207	226	6,981	2,840
Minnesota-----	-	1	806	-	-	289	13	276	1,102
Iowa-----	-	2	739	-	1	1,529	24	1,505	371
Missouri-----	-	58	3,577	12	7	2,991	106	2,885	458
North Dakota-----	-	3	200	-	1	56	2	54	314
South Dakota-----	1	-	452	-	-	120	10	110	119
Nebraska-----	-	1	703	-	-	246	12	234	49
Kansas-----	-	20	2,442	-	33	1,976	59	1,917	427
SOUTH ATLANTIC-----	59	1,369	76,207	304	360	32,445	2,002	30,443	5,962
Delaware-----	-	2	266	1	5	507	25	482	34
Maryland-----	-	32	7,820	19	17	2,678	175	2,503	932
District of Columbia-----	-	133	10,938	25	77	3,382	60	3,322	148
Virginia-----	2	86	8,008	20	41	5,128	247	4,881	1,410
West Virginia-----	-	33	1,779	1	-	1,792	49	1,743	1,575
North Carolina-----	9	233	14,947	33	42	3,358	356	3,002	787
South Carolina-----	11	91	5,594	35	27	6,355	111	6,244	379
Georgia-----	32	415	15,014	99	96	2,351	532	1,819	358
Florida-----	5	344	11,841	71	55	6,894	447	6,447	339
EAST SOUTH CENTRAL-----	26	344	33,680	134	116	8,546	740	7,806	4,225
Kentucky-----	-	25	3,260	-	1	1,748	112	1,636	2,082
Tennessee-----	3	80	15,922	48	48	2,579	189	2,390	1,071
Alabama-----	23	115	5,324	41	36	2,033	230	1,803	789
Mississippi-----	-	124	9,174	45	31	2,186	209	1,977	283
WEST SOUTH CENTRAL-----	68	448	35,366	55	107	12,777	1,302	11,475	7,071
Arkansas-----	1	32	1,553	-	9	1,351	27	1,324	870
Louisiana-----	3	203	8,148	45	45	5,257	151	5,106	158
Oklahoma-----	-	38	4,973	1	2	1,638	48	1,590	219
Texas-----	64	175	20,692	9	51	4,531	1,076	3,455	5,824
MOUNTAIN-----	2	85	6,584	3	46	3,984	271	3,713	2,336
Montana-----	-	2	216	-	-	31	8	23	145
Idaho-----	-	4	277	-	1	149	14	135	189
Wyoming-----	-	-	70	-	-	102	6	96	21
Colorado-----	-	31	1,932	-	3	284	52	232	282
New Mexico-----	-	30	1,315	1	4	1,188	37	1,151	279
Arizona-----	2	10	2,363	2	38	1,862	117	1,745	838
Utah-----	-	-	162	-	-	288	28	260	553
Nevada-----	-	8	249	-	-	90	9	71	29
PACIFIC-----	3	201	17,967	14	59	8,161	505	7,656	7,209
Washington-----	-	70	1,313	5	2	482	19	463	1,419
Oregon-----	-	6	548	1	2	707	44	663	801
California-----	3	125	16,106	8	55	6,972	442	6,530	4,988

<sup>2</sup>New York City only.

<sup>4</sup>Excludes some cases of primary and secondary syphilis which are included in "Other."

<sup>5</sup>Reported as Brill's disease.

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Table 4. CASES OF INFREQUENTLY REPORTED NOTIFIABLE DISEASES BY STATE: UNITED STATES, 1954

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

STATES REPORTING CASES	Anthrax 062	Botulism 049.1	Dengue 090	Glanders 064.2	Leprosy 060	Lepto- spirosis 072	Q fever 108 pt.	Smallpox <sup>1</sup> 084
Alabama-----	1	-	-	-	-	-	-	-
Arizona-----	-	-	-	-	1	1	-	6
California-----	-	6	-	-	14	3	2*	-
Colorado-----	-	2	-	-	-	-	-	-
Florida-----	-	-	-	-	2	1	-	-
Georgia-----	-	-	-	-	-	1	-	-
Idaho-----	-	-	-	-	-	-	8	-
Illinois-----	1	-	-	-	1	1	-	-
Indiana-----	-	2	-	-	-	-	-	-
Kentucky-----	-	1	-	-	-	-	-	-
Louisiana-----	-	-	-	-	8	5	-	-
Maine-----	-	-	-	-	-	1	-	-
Maryland-----	-	1	-	-	-	-	-	-
Michigan-----	-	-	-	-	-	1	-	-
Minnesota-----	-	-	-	-	1	-	-	-
Mississippi-----	-	-	-	-	1	6	-	-
Missouri-----	-	-	-	-	1	-	-	-
Nevada-----	-	3	-	-	-	-	-	-
New Hampshire-----	2	-	-	-	-	-	-	-
New Mexico-----	-	-	-	-	-	-	-	1
New York-----	2	-	3	-	311	3	-	-
North Carolina-----	-	-	-	-	1	10	-	-
Ohio-----	-	-	-	-	-	5	-	-
Oklahoma-----	-	-	-	-	-	1	-	-
Oregon-----	-	1	-	-	-	-	-	-
Pennsylvania-----	13	-	-	-	-	-	-	-
South Carolina-----	-	-	-	-	-	2	-	-
Tennessee-----	-	-	-	-	-	1	-	-
Texas-----	2	-	6	-	15	3	-	1
Virginia-----	-	-	-	-	-	2	-	-
Washington-----	1	2	-	-	-	1	-	-
Wisconsin-----	-	-	-	-	-	3	-	1

<sup>1</sup>None of these cases fulfill the generally accepted criteria for a diagnosis of smallpox.<sup>2</sup>Q fever is not notifiable in California, but laboratory tests proved 98 cases.<sup>3</sup>New York City only.



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Table 5. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: TERRITORIES, CERTAIN POSSESSIONS, AND THE CANAL ZONE, 1954

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948. Only diseases with frequencies are listed. For a complete list of diseases, see table 2)

DISEASE	Alaska	Hawaii	Puerto Rico	Virgin Islands	Canal Zone <sup>1</sup>	Guam
Amebiasis-----046	-	3	-	70	-	-
Brucellosis (undulant fever)-----044	-	2	1	-	-	-
Diphtheria-----055	1	1	164	-	4	2
Dysentery, bacillary (shigellosis)-----045	-	41	208	-	21	-
Encephalitis, acute infectious-----082	-	1	-	-	-	2
Hepatitis, infectious, and serum-----092,N998.5 pt.	170	56	99	-	<sup>2</sup> 19	-
Leprosy-----060	-	20	13	2	6	1
Leptospirosis-----072	-	1	8	-	-	-
Malaria-----110-117	-	-	13	1	126	5
Measles-----085	1,492	588	4,154	13	350	126
Meningococcal infections-----057	13	5	14	-	11	6
Polioomyelitis, acute-----080	365	216	118	-	19	3
Paralytic-----080.0,080.1	189	144	118	-	19	1
Nonparalytic-----080.2	136	72	-	-	-	-
Unspecified-----080.3	40	-	-	-	-	2
Psittacosis-----096.2	1	-	-	-	-	-
Rabies in animals-----	31	-	34	-	-	-
Salmonellosis, paratyphoid fever-----041,042	44	216	-	-	2	-
Scarlet fever and streptococcal sore throat-----050,051	136	41	-	-	1	1,596
Tetanus-----061	-	1	126	-	14	-
Trichiniasis-----128	-	3	-	-	-	-
Tuberculosis, all forms-----001-019	976	490	4,520	9	688	129
Typhoid fever-----040	3	-	44	-	10	1
Typhus fever, endemic (murine)-----101	-	8	4	-	1	-
Venereal diseases:						
Chancroid-----036	-	30	30	-	12	-
Gonorrhea-----030-034	739	347	3,846	26	1,121	-
Granuloma inguinale-----038	-	-	8	-	1	-
Lymphogranuloma venereum-----037	-	-	8	-	1	-
Syphilis, primary and secondary <sup>3</sup> -----021.0-021.3	12	1	186	5	21	-
Syphilis, other forms-----020,021.4-029	36	86	2,611	63	730	-
Whooping cough (pertussis)-----056	-	114	2,475	-	248	-

<sup>1</sup>Includes data for Colon and Panama City.

<sup>2</sup>Includes Weil's disease.

<sup>3</sup>Excludes some cases of primary and secondary syphilis which are included in "other forms."

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Table 6. CASES OF SPECIFIED DISEASES REPORTED IN CERTAIN STATES: UNITED STATES, 1954

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Actinomy- cosis 132	Ankylosto- miasis (hookworm) 129	Ascari- asis 130.0	Chicken- pox 087	Coccidici- domyco- sis (Valley fever) 133	Diarrhea of newborn 764	Erysip- elas 052	Histoplas- mosis 134.2	Kerato- conjuncti- vitis, infectious 096.1
UNITED STATES-----	16	19,032	316	262,875	292	638	515	48	301
NEW ENGLAND									
Maine-----	**	**	**	3,572	**	**	**	**	**
New Hampshire-----	**	**	**	760	**	**	**	**	**
Vermont-----	**	**	**	3,006	**	**	**	**	31
Massachusetts-----	1	**	**	12,285	**	**	**	**	**
Rhode Island-----	**	**	**	894	**	**	**	**	**
Connecticut-----	-	20	*	9,394	*	1	9	*	*
MIDDLE ATLANTIC									
New York-----	-	<sup>1</sup> 278	**	26,338	**	139	**	**	**
New Jersey-----	*	*	*	*	*	9	*	*	*
Pennsylvania-----	**	**	**	21,920	**	41	**	**	**
EAST NORTH CENTRAL									
Ohio-----	**	3	**	14,982	**	**	12	5	**
Indiana-----	**	**	**	5,224	**	28	28	3	5
Illinois-----	2	-	*	11,427	*	97	218	-	63
Michigan-----	1	**	**	16,324	**	106	48	**	4
Wisconsin-----	**	**	**	29,966	**	**	**	1	**
WEST NORTH CENTRAL									
Minnesota-----	5	1	7	2,182	3	33	21	5	3
Iowa-----	**	**	**	**	**	**	**	**	**
Missouri-----	**	**	**	1,788	**	**	**	7	**
North Dakota-----	**	**	**	1,086	**	**	6	**	1
South Dakota-----	1	**	**	377	**	**	6	**	**
Nebraska-----	*	*	*	743	*	**	1	*	*
Kansas-----	**	7	**	5,681	**	**	5	**	**
SOUTH ATLANTIC									
Delaware-----	**	**	**	261	**	**	1	**	**
Maryland-----	**	**	**	3,314	**	2	11	**	**
District of Columbia-----	**	**	**	896	**	**	2	**	**
Virginia-----	1	3	2	2,919	-	*	5	2	-
West Virginia-----	**	**	**	2,151	**	4	**	**	**
North Carolina-----	**	**	**	**	**	**	**	**	**
South Carolina-----	**	**	**	**	**	**	**	**	**
Georgia-----	**	13,587	**	**	**	**	**	**	**
Florida-----	**	4,772	**	2,144	**	106	20	**	179
EAST SOUTH CENTRAL									
Kentucky-----	**	**	255	3,505	**	**	7	3	**
Tennessee-----	3	21	50	2,226	1	-	28	15	1
Alabama-----	**	**	**	2,104	**	**	**	**	**
Mississippi-----	**	314	**	437	**	**	**	1	**
WEST SOUTH CENTRAL									
Arkansas-----	-	4	2	3,130	2	-	*	5	-
Louisiana-----	-	*	*	*	*	*	*	-	*
Oklahoma-----	-	17	*	1,415	1	4	1	1	*
Texas-----	**	**	**	**	**	**	**	**	**
MOUNTAIN									
Montana-----	**	**	**	873	**	**	**	**	**
Idaho-----	**	**	**	**	**	**	**	**	**
Wyoming-----	**	**	**	426	**	1	**	**	15
Colorado-----	1	**	**	3,030	**	**	**	**	**
New Mexico-----	**	1	**	1,380	**	8	**	**	**
Arizona-----	1	3	*	4,675	207	*	42	*	*
Utah-----	**	**	**	3,345	**	13	**	**	**
Nevada-----	**	**	**	189	**	**	**	**	**
PACIFIC									
Washington-----	**	1	**	9,214	**	4	( <sup>2</sup> )	**	**
Oregon-----	**	**	**	105	**	**	44	**	1
California-----	*	*	*	47,187	78	42	*	*	*

<sup>1</sup>New York City only.<sup>2</sup>Included in scarlet fever and streptococcal sore throat.

NOTE.—Echinococcosis (Hydatid disease) (125 pt.): New York City, 5 cases.

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Table 6. CASES OF SPECIFIED DISEASES REPORTED IN CERTAIN STATES: UNITED STATES, 1954--Continued

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Lymphocytic choriomen- ingitis, acute 082 pt.	Malignant neoplasms (cancer) 140-199	Mononu- cleosis, infectious (glandular fever) 093	Mumps 089	Pellagra 281	Pneu- monias 490-493, 763	Rheu- matic fever 400-402	Rubella (German measles) 086	Vincent's angina 070 pt.
UNITED STATES-----	95	70,900	1,652	241,278	44	13,981	4,230	36,215	642
NEW ENGLAND									
Maine-----	1	**	**	5,265	**	342	30	346	**
New Hampshire-----	1	**	7	1,351	**	199	**	130	**
Vermont-----	**	**	15	1,733	**	**	**	**	**
Massachusetts-----	4	**	**	18,561	**	**	**	3,689	**
Rhode Island-----	**	2,359	2	633	**	**	101	72	4
Connecticut-----	*	*	210	8,402	*	1,008	-	611	*
MIDDLE ATLANTIC									
New York-----	**	22,154	**	21,002	**	**	**	3,251	**
New Jersey-----	43	*	*	*	*	*	*	*	*
Pennsylvania-----	3	**	**	12,979	**	**	**	1,674	**
EAST NORTH CENTRAL									
Ohio-----	**	**	11	8,593	**	**	133	2,524	16
Indiana-----	**	**	**	4,330	**	676	47	1,146	43
Illinois-----	-	*	75	10,219	*	2,808	420	1,419	51
Michigan-----	**	**	209	18,668	**	**	604	1,214	**
Wisconsin-----	**	**	**	37,089	**	**	171	3,232	**
WEST NORTH CENTRAL									
Minnesota-----	8	**	622	**	**	**	150	**	10
Iowa-----	**	**	**	**	**	**	**	**	**
Missouri-----	**	**	49	2,367	**	12	46	**	**
North Dakota-----	**	1,076	**	1,183	**	**	68	**	**
South Dakota-----	**	**	**	189	**	2	**	*	6
Nebraska-----	*	*	3	1,214	*	8	*	*	4
Kansas-----	**	5,872	**	6,993	**	231	6	300	30
SOUTH ATLANTIC									
Delaware-----	**	1,176	**	243	**	**	**	25	**
Maryland-----	**	*	3	2,918	**	**	*	314	*
District of Columbia-----	3	**	2	494	**	**	8	83	**
Virginia-----	17	*	52	2,468	-	**	490	*	4
West Virginia-----	**	**	**	2,463	**	**	73	388	**
North Carolina-----	**	**	**	**	**	**	**	**	**
South Carolina-----	**	1,676	**	**	**	**	155	**	**
Georgia-----	**	**	**	**	**	**	67	**	**
Florida-----	**	5,640	**	1,516	**	**	**	126	76
EAST SOUTH CENTRAL									
Kentucky-----	**	5,053	21	4,725	**	**	117	1,427	21
Tennessee-----	11	5,425	192	2,237	13	2,210	259	298	39
Alabama-----	**	5,291	**	1,509	14	**	93	126	**
Mississippi-----	**	2,094	25	482	11	1,124	58	**	**
WEST SOUTH CENTRAL									
Arkansas-----	*	464	36	4,606	1	**	58	438	*
Louisiana-----	*	5,540	*	*	*	**	80	*	*
Oklahoma-----	-	3,814	17	1,804	-	**	52	392	22
Texas-----	**	**	**	**	**	**	**	**	**
MOUNTAIN									
Montana-----	**	1,370	**	**	**	**	6	614	**
Idaho-----	**	**	**	**	**	**	**	**	**
Wyoming-----	**	492	2	503	**	100	2	296	5
Colorado-----	**	**	**	2,860	**	425	92	322	116
New Mexico-----	4	694	5	1,618	1	**	8	365	**
Arizona-----	*	*	*	4,838	4	**	187	1,245	*
Utah-----	**	710	**	2,573	**	**	54	402	**
Nevada-----	**	**	**	77	**	**	**	**	1
PACIFIC									
Washington-----	*	*	94	9,430	*	**	128	1,406	194
Oregon-----	**	**	**	**	**	910	99	423	**
California-----	*	*	*	33,143	*	3,926	368	7,917	*

NOTE.--Rat-bite fever (064.1, 074.0): Indiana, New Mexico, and Tennessee, 1 case each. Relapsing fever (tick-borne) (071.1): Wyoming, 4 cases; California, 2; and Arizona, 1. Taeniasis (tapeworm) (126 pt.): New York City, 11 cases; Washington, 1; and Oregon, 1.

**U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE**  
Public Health Service  
Washington 25, D. C.

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